

# WEIGHT SENSING APPARATUS AND METHODS FOR INVENTORY CONTROL

## ABSTRACT OF THE DISCLOSURE

Systems and methods for automatically reordering parts are disclosed. In one embodiment, a system includes a tray adapted to support parts, and a resilient member  
5 operatively engaged with the tray that flexes according to the weight of parts stored on the tray. A switch generates a signal when the amount of parts on the tray is less than a predefined amount. A central processing unit coupled to the switch receives the signal generated by the switch and automatically reorders parts based on the received signal from  
10 the switch.

